



MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES
STATE PUBLIC HEALTH LABORATORY

ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT

RECEIVED

By Carol Day at 2:53 pm, Mar 24, 2016

REPORT #7

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 100291	PRINTER SN 093.3563.019	DATE OF INSPECTION 03/24/2016
LOCATION OF INSTRUMENT (STREET AND CITY) Willow Springs Police Department, 700 W. Main St. Willow Springs, MO 65793		TIME OF INSPECTION 12:51 pm

CHECKLIST: Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

☒ DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

☒ TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

☒ PRINTER WORKING PROPERLY

☒ TIME AND DATE DISPLAYING PROPERLY

BREATH ALCOHOL ACCURACY STANDARDS

☒ SIMULATOR SOLUTION

☐ COMPRESSED ETHANOL-GAS MIXTURE

☒ STANDARD SUPPLIER GUTH LABORATORIES LOT # 14220 EXP. DATE 09/24/2016

☒ SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2239 SIMULATOR EXP DATE 04/20/2016

☒ CALIBRATION CHECK - (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

☒ 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE

☐ 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE

☐ 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 .099

TEST 2 .099

TEST 3 .099

☒ RFI DETECTOR OPERATING

INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT:
(DO NOT INCLUDE SELF-ADMINISTERED TESTS)

REFUSALS	0	(0-.04)	0	(.05-.09)	0	(.10-.14)	0	(.15-.19)	0	(OVER .19)	0
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

Replaced Printer Ribbon

INSPECTING OFFICER

SIGNATURE

PRINT NAME
Wes Ellison

TYPE II PERMIT NUMBER/EXPIRATION DATE
#250084 05/11/2017

TELEPHONE NUMBER
(417) 469-3158

Return completed report to the: Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office
2875 James Boulevard
Poplar Bluff, MO 63901



GUTH LABORATORIES, INC.

590 NORTH 67th STREET • HARRISBURG, PA 17111-4511 • TELEPHONE: 717-564-5470

CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number 14220 of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on September 25, 2014, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain 0.1209% (w/vol) ethyl alcohol. The expiration date for this lot number is September 24, 2016 at 11:59 PM.

When used in a calibrated Simulator, operating at 34°C +/- .2°C, this solution will give a breath alcohol analysis instrument reading of 0.100 g/210L +/- 3%.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President
GUTH LABORATORIES, INC.

NIST Traceability:

Testing was conducted using Cerilliant Reference Standard lot number FN08051301 whose values are traceable to NIST.

All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00174

Temp Date Time 210L

Air Blank:
03/24/16 12:51 .000
Calibration Check:
24 03/24/16 12:51 .000

Subject Name

NON-ALCOHOL

Subject I.D.

ELLISON

Operator Name, I.D.

250084

Location

WILLOW SPRINGS POLICE

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00176

Temp Date Time 210L

Air Blank:
03/24/16 12:57 .000
Calibration Check:
25 03/24/16 12:57 .000

Subject Name

TEST #1

Subject I.D.

ELLISON

Operator Name, I.D.

250084

Location

WILLOW SPRINGS PD

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00177

Temp Date Time 210L

Air Blank:
03/24/16 13:00 .000
Calibration Check:
25 03/24/16 13:00 .000

Subject Name

TEST #2

Subject I.D.

ELLISON

Operator Name, I.D.

250084

Location

WILLOW SPRINGS PD

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00179

Temp Date Time 210L

VOID: RFI
12 03/24/16 13:06

Subject Name

RFI

Subject I.D.

ELLISON

Operator Name, I.D.

250084

Location

WILLOW SPRINGS PD

AS IV Serial no: 100291
Version no: 532B

TEST RECORD 00178

Temp Date Time 210L

Air Blank:
03/24/16 13:04 .000
Calibration Check:
25 03/24/16 13:04 .000

Subject Name

TEST #3

Subject I.D.

ELLISON

Operator Name, I.D.

250084

Location

WILLOW SPRINGS PD



STATE OF MISSOURI
DEPARTMENT OF HEALTH AND SENIOR SERVICES
BREATH ALCOHOL PROGRAM



**PERMIT
TYPE II**

WES ELLISON

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

ALCO-SENSOR IV WITH PRINTER, INTOX DMT

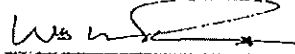
for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

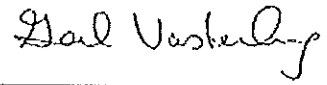
DATE 5/11/2015

NUMBER 250084

EXPIRES 5/11/2017

MO 240-0271 (2-12)


DIRECTOR OF STATE PUBLIC HEALTH LABORATORY


DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4-02-15

